

Changes: November 2011

Pediatric Advanced Life Support Provider Manual

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Page	Location	Original	Change
21	Right column, second sentence under the heading “Normal Blood Pressures”	“This table summarizes the range from the 33rd to the 67th percentile in the first year of life and from the 5th to the 95th percentile for systolic and diastolic blood pressure according to age and gender and assuming the 50th percentile for height for children ≥ 1 year of age.”	“This table summarizes the range of systolic and diastolic blood pressures according to age and gender from 1 standard deviation below to 1 standard deviation above the mean in the first year of life and from the 50th to 95th percentile (assuming the 50th percentile for height) for children ≥ 1 year of age.”
21	Table 3, last 4 rows of Systolic and Diastolic Blood Pressure values	Values in the last 4 rows have been updated since publication of this text.	Please see table below for updated blood pressure ranges.

Table 3. Normal Blood Pressures in Children by Age

Age	Systolic Blood Pressure (mm Hg)		Diastolic Blood Pressure (mm Hg)	
	Female	Male	Female	Male
Neonate (1 day)	60 to 76	60 to 74	31 to 45	30 to 44
Neonate (4 days)	67 to 83	68 to 84	37 to 53	35 to 53
Infant (1 month)	73 to 91	74 to 94	36 to 56	37 to 55
Infant (3 months)	78 to 100	81 to 103	44 to 64	45 to 65
Infant (6 months)	82 to 102	87 to 105	46 to 66	48 to 68
Infant (1 year)	68 to 104 86 to 104	67 to 103 85 to 103	22 to 60 40 to 58	20 to 58 37 to 56
Child (2 years)	71 to 105 88 to 105	70 to 106 88 to 106	27 to 65 45 to 63	25 to 63 42 to 61
Child (7 years)	79 to 113 96 to 113	79 to 115 97 to 115	39 to 77 57 to 75	38 to 78 57 to 76
Adolescent (15 years)	93 to 127 110 to 127	95 to 131 113 to 131	47 to 85 65 to 83	45 to 85 64 to 83

Blood pressure ranges for neonate and infant (1 to 6 months) are from Gemelli M, Manganaro R, Mami C, De Luca F. Longitudinal study of blood pressure during the 1st year of life. *Eur J Pediatr.* 1990;149:318-320.

Blood pressure ranges for infant (1 year), child, and adolescent are from National High Blood Pressure Education Program Working Group on High Blood Pressure in Children and Adolescents. *The Fourth Report on the Diagnosis, Evaluation, and Treatment of High Blood Pressure in Children and Adolescents*. Bethesda, MD: National Heart, Lung, and Blood Institute; 2005. NIH publication 05-5267.